



## 2005 AMOS TECHNICAL CONFERENCE

September 5-9, 2005 • Wailea, Maui, Hawaii

The Air Force Research Laboratory, Detachment 15 will hold the fifth annual AMOS Technical Conference on September 5-9, 2005 at the Grand Wailea Resort in Maui, Hawaii.

The conference series aims to provide a stimulating and thought-provoking forum for sharing the latest technical developments and ideas in space surveillance, optics and high performance computing. It is intended for scientists, engineers, and technical managers from academia, industry, government, and military programs.

Over 100 papers will be presented with opportunities for networking and technical discussions – all in an environment that stimulates the imagination and intellect of participants through its beautiful Maui scenery and unique Hawaiian hospitality.

### CALL FOR PAPERS

**AUTHORS ARE INVITED TO SUBMIT ABSTRACTS DESCRIBING KEY INNOVATIONS, NEW RESEARCH, AND DEVELOPMENTS IN THE FOLLOWING CATEGORIES:**

- Adaptive Optics
- Astronomy
- Computational Object Identification
- High Performance Computing Applications in Astronomy
- Imaging Theory, Algorithms, and Performance Prediction
- Laser Propagation and Laser Radar
- Non-Resolved Object Characterization
- Orbital Debris
- Satellite Modeling
- Small or Autonomous Telescope Systems
- Space Situational Awareness
- Space Weather

This will be an unclassified conference consisting of pre-conference tutorials, optional tours, featured speakers, a technical program, and poster sessions. One day of the conference will be limited to personnel from U.S. Government agencies and their contractors.

### IMPORTANT DATES

April 15, 2005: Abstracts Due

May 15, 2005: Notification of Acceptance

### ABSTRACT FORMAT AND SUBMISSION

Papers will be selected on the basis of the submitted abstract. The abstract (approximately 300-500 words) should clearly outline the paper's major elements of interest and its originality.

- Adobe Acrobat (PDF) or Microsoft Word format only
- Identify the principal author and co-authors and provide titles, affiliations and addresses, including e-mail
- Include a short biography of presenting author
- Designate one author to receive all correspondence
- Indicate the corresponding category
- Indicate whether this presentation will be restricted to U.S. Government agencies and their contractors.
- Submit to [amostech@maui.com](mailto:amostech@maui.com)

Abstracts do not need to be cleared for public release, since they will only be used in determining acceptance of your paper. If your paper is accepted, you will receive instructions regarding clearance requirements.

CHANGE SERVICE REQUESTED

590 Lipoa Parkway, Suite 103 • Kihei, Maui, Hawaii 96753

## 2005 AMOS TECHNICAL CONFERENCE



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SEPTEMBER 5–9, 2005

WAILEA, MAUI, HAWAII

- Further details regarding format for manuscripts will be provided on the conference web site at <http://www.maui.afmc.af.mil>. The manuscripts will be published in the 2005 AMOS Technical Conference proceedings.
- For additional details, email [amostech@maui.com](mailto:amostech@maui.com) or call 808.875.2318.
- A formal announcement of the conference, with details regarding conference registration will be sent at a later date.

### CONFERENCE CHAIRS

Paul W. Kervin, *Air Force Research Laboratory*

John L. Africano, *The Boeing Company*

<http://www.maui.afmc.af.mil>

### OPTIONAL TOURS

- Maui Space Surveillance System
- Maui High Performance Computing Center

